Time/Month	Standard(s)	Content	Skills
September (week 1) - October (week 2)		Review of Units 1-6	All Algebra 1m content
October (week 3) - November (Week 2) 24 days	A-APR.1 A.SSE.1 A-SSE.2	Unit 7: Polynomials	 Adding and Subtracting Polynomial Distributive Property Multiplying Polynomials Factoring Polynomials Factoring Special cases: Conjugates and perfect squares Factoring
November (Week 3) - December (Week 3) 20 days	A-CED.3 F-IF.4 F-IF.7 F-IF.8 F-IF.9 F-BF.3 A-SSE. 3 A-APR.3 A-REI.4	Unit 8: Quadratic Functions and their Algebra	 Represent constraints of a function with equations or Inequalities Interpret key features of a function Graph functions The shifted form of the parabola Completing the square to write the equation in vertex form Identifying or calculating Zeroes of a function Zero Product property
January (week 2) - February (week 2) 22 days	N-RN.3 I-IF.1 F-IF.6 F-IF.7 F-BF.3 A-SSE.1 A-SSE.3 A-REI.4	Unit 9: Roots and Irrational Numbers	 Evaluate square roots, Simplify square roots Identify Irrational numbers Operations with rational and irrational Square root function- graphing in the shifted form Solve Quadratics using inverse operations Calculate the zeroes of a quadratic using completing the square The Quadratic Formula Calculate the cube root of a number

9th grade Algebra 2m C	Curriculum		e-Math Instruction
February (week 4) - March (week 4) 24 days	N-Q.1 N-Q.2 S-ID.1 S-ID.2 S-ID.3 S-ID.5 S-ID.6 S-ID.7 S-ID.8 S-ID.9	Unit 10: Statistics	 Plot data on real number line with dot plots, histograms, and box plots Interpret differences in shape, center, and spread in the contest of the data accounting for outliers Measures of central tendency Variation within the data set Use two way frequency tables to summarize categorical Plot data in a Scatter Plot interpret the slope and y- intercept for the line of best fit Use graphing calculator to calculate linear regression
April (week 1) - May (week 3) 24 days	N-Q.2 N-Q.3 F-IF.1 F-IF.5 F-IF.6 F-IF.7 F-BF3 A-CED.3 F-LE.1 S-ID.6	Unit 11: A final look at Functions and Modeling	Transforming Functions Horizontal stretching of functions Discrete Functions Compare linear and Exponential models Step functions Piecewise Linear Functions Quadratic models Limits of the models
May (week 4) - June (week 2)			Regents review